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MAY 3 & MAY 4, 2021  
1:00 - 5:00 PM (PDT)

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## FRONTIERS OF MESOSCALE MATERIALS & HIGH ENERGY DENSITY SCIENCE (MM-HED)

**Link to RFP:** <https://www.ucop.edu/research-initiatives/programs/lab-fees/application-information.html>

**Link to RSVP:** <https://mm-hedworkshop.eventbrite.com>

### Workshop Information

Research aimed at developing new and emerging measurement capabilities to advance understanding of mesoscale materials and matter in extremes, including measurements of structure-function correlations, measurements of unprecedented temporal and spatial resolution, often leveraging source coherence; development and deployment of advanced diagnostics; and advanced theory and simulation to explain observed phenomena. Recent and ongoing enhancements to capabilities at national user facilities (ALS, APS, LCLS, NSLS-II, among others) offer one fertile venue for such efforts.

### Agenda and Zoom Information

The agenda will include opportunities for lightning talks by UC and NL researchers, topical breakout sessions, and opportunities for Gather.Town informal networking to build potential teams.

A full agenda and information to follow RSVP prior to event.

Co-Hosts Campuses/National Labs:

- UC Merced, LANL, LLNL

UC VCR/NL Deputy Director Leads:

- UCM VCR: Marjorie Zatz
- LANL DD: John Sarrao
- LLNL DD: Patricia Falcone

Workshop Point of contact (PoC) and email:

- UCM: Melinda Laroco Boehm (mboehm2@ucmerced.edu)
- LANL: Nan Sauer (nsauer@lanl.gov); Alan Hurd (ajhurd@lanl.gov)
- LLNL: Annie Kersting (kersting1@llnl.gov); Alison Saunders (saunders15@llnl.gov); Nathan Barton (barton22@llnl.gov); Rick Kraus (Kraus4@llnl.gov)

Additional Campus/NL Liaisons:

- UCM Faculty Liaisons: Mehmet Baykara; Sayantani Ghosh; David Strubbe
- LANL: Filip Ronning; Abigail Hunter; Dana Dattelbaum; John Kline
- LBNL: Kristin Balder-Froid; Jeroen van Tilborg; Peter Nico

